

Message

From: Sears, Ben R (DEC) [ben.sears@dec.ny.gov]
Sent: 5/27/2016 3:58:23 PM
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CC: Lendrum, Jacqueline M (DEC) [jacqueline.lendrum@dec.ny.gov]; Walsh, Wendy (walshw@co.tioga.ny.us) [WalshW@co.tioga.ny.us]; AMANDA.BARBER@CORTLANDSWCD.ORG [amanda.barber@cortlandswcd.org]; Albrecht, Greg (AGRICULTURE) [Greg.Albrecht@agriculture.ny.gov]; Burke, Joann (joann-burke@verizon.net) [Joann-burke@verizon.net]
Subject: Revised Final New York 2017 Milestones
Attachments: NY Programmatic 2016-2017 Milestone Goals FINAL Revised 2016-05-25.docx; NY 2016-2017 Milestone AWMS Input Deck v2016-05-06.xlsx

Attached is a revised version of New York's 2016-2017 programmatic milestones. We have made two changes:

1. We added a milestone to the agriculture section (p. 1, first agriculture milestone) to reflect the commitment to write a description of ways we see to show increased reductions from the ag sector (I noted this in my 5/6/16 email below, but it was not included as a milestone in the programmatic document).
2. Revised the MS4 general permit milestone (p. 8, last stormwater milestone) to indicate we will work with EPA during the issuance process of the new general permit to make sure the permit is consistent with our WIP. The target date for the milestone was also changed – from 12/31/17 to 4/30/17 to align with the expected timeframe of issuance of the new permit.

We have also revised our agriculture implementation scenario to make corrections to cover crops, nutrient management, erosion and sediment control, and forest buffers. This scenario is called "2017 Milestones 5/25/2016" and has been shared directly with Jeff and Olivia in CAST. This scenario does not include AWMS, so I also attached the spreadsheet that Jeff and Joann set up for our last milestone scenario to be handled outside of CAST. Let us know when this information is run through Scenario Builder and the summary information is available in BayTAS.

Ben

From: Sears, Ben R (DEC)
Sent: Friday, May 06, 2016 11:49 AM
To: Izraeli, Ruth (izraeli.ruth@epa.gov) <izraeli.ruth@epa.gov>; Zhou, Ning (zhou.ning@epa.gov) <zhou.ning@epa.gov>; Sweeney, Jeff (jsweeney@chesapeakebay.net) <jsweeney@chesapeakebay.net>; 'Sucharith Ravi' <sravi@chesapeakebay.net>; Hall (Trevena), Suzanne (trevena.suzanne@epa.gov) <trevena.suzanne@epa.gov>; McNally, Dianne (mcnally.dianne@epa.gov) <mcnally.dianne@epa.gov>
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Subject: Final New York 2017 Milestones

Attached are final versions of New York's 2016-2017 programmatic and wastewater milestones. The agriculture implementation milestones have been shared directly with Jeff in CAST – except for animal waste systems, which are attached to this email. The CAST scenario is called "2017 milestones" – please let Joann know if the scenario should be shared with anyone else. I understand Jeff and Joann Burke worked out an alternate method of handling the waste management systems rather than including in CAST.

I've added a few more comments on specific sectors below.

Agriculture: The implementation milestones in CAST reflect our best estimate of implementation over the next two years with the resources currently available. We understand that the implementation levels in 2015 Progress were insufficient to offset increased loads from changes identified in the 2012 Agricultural Census as modeled by the CBWM. We also know that some implementation levels shown in 2015 Progress (e.g. cover crops and nutrient management) are lower than the amounts we know to have actually been on the ground due to limitations in how we track and report BMPs and complications from switching between Phase 5 and Phase 6 reporting procedures.

We have new programs coming online in the next couple of years (e.g. CBIG funding for riparian buffers and RCPP funding for additional EQIP projects) that we expect to result in additional implementation, but not necessarily in the 2017 milestone period. We have included those in the programmatic milestones as that seemed the best way to begin tracking them. We expect to improve our tracking and reporting as the Partnership moves fully into Phase 6 and our data systems follow along. Implementation and refinement of our verification protocols over the next two years is also expected to result in greater implementation levels reported for progress runs.

As requested in EPA's draft evaluation, we will prepare a more detailed description of the avenues we see to increase implementation in the coming years toward our WIP targets. I expect we can have that detailed description prepared in the next three months (we will target August 5).

Wastewater: The wastewater input deck includes only the Significant facilities. We do not expect reductions from the Non-Significant facilities by 2017, so the same data used previously for milestones and progress runs should be used again. For the Significants, I added columns to the worksheet for TN and TP pounds per year as that is how their permit limits are expressed and all of those limits will be effective by January 1, 2017. I filled in the other values from permit limits where available and 2015 Progress data where we don't have permit limits. This version of the input deck corrects CBOD5 to BOD5 conversion errors, but otherwise has not changed from the draft version.

CSO: I added CSO information to the template as best as I could based on annual reports that we receive. The reports provide current acres of CSS, along with planned separation projects for the coming year, so we know what the expected CSS acres are by end of 2016, but not beyond. We have 2015 reports for 2 of 3 combined sewer systems in the watershed – we have not received a report for Chemung County yet, so I'm not able to project separation for 2016. Ning, if you would like to look at the reports to see if there is more information that you can use, let me know and I'll forward them.

Stormwater: We included implementation levels in the 2017 CAST milestone scenario. I carried the 2015 Progress implementation forward and used that as the 2017 Milestone targets. As you'll see in the programmatic milestones, we'll do our best to improve tracking and reporting of urban BMPs during the milestone period with the goal of being able to consistently report urban practices in future progress runs.

Let me know if you need anything else from us.


Ben Sears

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